AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A hydrodynamic bearing device for a spindle motor of a disk drive device for information equipment, the hydrodynamic bearing device comprising:

a shaft member; and

a radial bearing portion having a radial bearing gap formed around an outer circumference of the shaft member and supporting the shaft member in a radial direction in a non-contact manner by an action of a dynamic pressure of fluid generated in the radial bearing gap, wherein

the shaft member has a tapered guide face serving as a guide when another member for holding a disk is press fitted into the shaft member, a blunting portion is formed between the guide face and the outer circumferential surface of the shaft member ~~adjacent to the guide face~~ in an entire circumference of the shaft member, the blunting portion being a curved surface that is smoothly continuous to the guide face and the outer circumferential surface of the shaft member~~,~~ ~~and the guide face, the outer circumferential surface of the shaft member adjacent to the guide face, and the blunting portion form a coaxially grinded surface~~ without forming an edge.

2. (Original) A hydrodynamic bearing device as claimed in claim 1, wherein

the guide face, the outer circumferential surface of the shaft member adjacent to the guide face, and the blunting portion are formed by grinding.

3. (Original) A hydrodynamic bearing device as claimed in claim 2, wherein

the guide face, the outer circumferential surface of the shaft member, and the blunting portion are ground simultaneously.

4. (Cancelled)

5. (Previously Presented) A hydrodynamic bearing device as claimed in claim 1, wherein

the another member that is to be press fitted into the shaft member is a disc hub for holding a disc.

6. (Previously Presented) A motor comprising a hydrodynamic bearing device as claimed in claim 1, a rotor magnet, and a stator coil.

7. (Currently Amended) A method for manufacturing a hydrodynamic bearing device having a shaft member, and a radial bearing portion having a radial bearing gap formed around an outer circumference of the shaft member and supporting the shaft member in a radial direction in a non-contact manner by an action of a dynamic pressure of fluid generated in the radial bearing gap, the method comprising

forming, on the shaft member, a flat face at an apex thereof and a guide face serving as a guide when another member is press fitted into the shaft member and,

thereafter simultaneously grinding the guide face, an outer circumferential surface of the shaft member that is adjacent to the guide face, and a boundary portion between the guide face and the outer circumferential surface of the shaft member adjacent to the guide face so that a blunting portion is formed in an entire circumference of the shaft member at the boundary portion in the shape of a curved surface that is smoothly continuous to the guide face and to the outer circumferential surface without forming an edge~~,~~

~~wherein the guide face, the outer circumferential surface of the shaft member adjacent to the guide face, and the blunting portion form a coaxially-grinded surface~~.

8. (Previously Presented) A hydrodynamic bearing device as claimed in claim 2, wherein

the blunting portion is formed to have a curved surface.

9. (Previously Presented) A hydrodynamic bearing device as claimed in claim 3, wherein

the blunting portion is formed to have a curved surface.

10. (Previously Presented) A hydrodynamic bearing device as claimed in claim 2, wherein

the another member that is to be press fitted into the shaft member is a disc hub for holding a disc.

11. (Previously Presented) A hydrodynamic bearing device as claimed in claim 3, wherein

the another member that is to be press fitted into the shaft member is a disc hub for holding a disc.

12. (Previously Presented) A hydrodynamic bearing device as claimed in claim 4, wherein

the another member that is to be press fitted into the shaft member is a disc hub for holding a disc.

13. (Previously Presented) A motor comprising a hydrodynamic bearing device as claimed in claim 2, a rotor magnet, and a stator coil.

14. (Previously Presented) A motor comprising a hydrodynamic bearing device as claimed in claim 3, a rotor magnet, and a stator coil.

15. (Previously Presented) A motor comprising a hydrodynamic bearing device as claimed in claim 4, a rotor magnet, and a stator coil.

16. (Previously Presented) A motor comprising a hydrodynamic bearing device as claimed in claim 5, a rotor magnet, and a stator coil.

17. (Previously Presented) A hydrodynamic bearing device as claimed in claim 8, wherein

the another member that is to be press fitted into the shaft member is a disc hub for holding a disc.

18. (Previously Presented) A hydrodynamic bearing device as claimed in claim 9, wherein

the another member that is to be press fitted into the shaft member is a disc hub for holding a disc.

19. (Previously Presented) A motor comprising a hydrodynamic bearing device as claimed in claim 8, a rotor magnet, and a stator coil.

20. (Previously Presented) A motor comprising a hydrodynamic bearing device as claimed in claim 9, a rotor magnet, and a stator coil.